



National Aeronautics and
Space Administration



Gamma-Ray Large Area Space Telescope

GLAST

GLAST Mission Status

March 3, 2008

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Gamma-ray Large Area
Space Telescope





Mission Status



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- ◆ **Successful Pre-Ship review completed on Friday.**
- ◆ **Large Area Telescope and GLAST Burst Monitor fully qualified and integrated onto observatory.**
- ◆ **Spacecraft has been fully integrated and qualified. Several spacecraft components will be integrated at the launch site.**
 - Flight battery, the Ku-band antenna, solar array, Ku-band antenna and solar array flight release mechanisms, structural dampers, Ku-band transmitters).
- ◆ **Completed successful Flight Operations Review (Feb 7/8)**
 - Ground elements in-place and implementing L-60 freeze.
 - Approximately 250 hours of ETE testing (12 individual tests) with Mission Operations Center controlling observatory.
 - Over 95% of flight operations procedures have been verified.
 - Over 300 flight STOL procedures run from MOC with observatory.
- ◆ **Launch services:**
 - Most of the launch vehicle hardware is at the launch site. Exceptions are 5 of the solids which are in storage and the interstage adapter which is in CA.
 - Completed successful KSC Ground Operations Review.



Launch Site Bound



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GLAST on the way to Florida.



GLAST Schedule Ahead



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- ➔ **Flight Operations Review** February 7/8
- ✓ **Pre-Ship Review** February 29
- *Ship to Launch Site* *March 3*
- *Complete S/C integration* *April 2*
- *Complete C/C testing* *April xx*
- **Mission Readiness Review** April 22
- **Fuel Spacecraft**
- *Move observatory to SLC-17b* *May 1*
- **Flight Readiness Review** May 12
- **Launch Readiness Review** May 15
- *Launch* *May 16*
- *Complete On-orbit C/O* *July 16*